

## Receiving Report

Date: 14/2/19  
 Supplier: Thyssen

Batch No: M128265  
 Dart P/O: 22962

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒  
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒  
 Shipment Complete: Yes ☐ No ☒ N/A ☐  
 QC18 Inspection ☒ N/A ☐  
 Work Order ☐ N/A ☒

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number
M303	RU-200	12	0	12			

Initials of Receiver

QC12

Production/Admin: 14/2/19  
 Date                       
 Received/Costing                       
 Initial                     

Location



# Purchase Order Receipt Listing

Wednesday, February 19, 2014 11:18:39 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO22962 Receipt Dates from 2/19/2014 to 2/19/2014 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO22962	2		M6061T6A1.000W.1 f 25		2/18/2014	2/19/2014	40.0000	\$1.35	0.0000	0	\$53.87
CAD	No		6061T6 ANGLE 1.00 f x 1.00 x .125W m128265		40.0000	DESJ02		\$53.87	0.0000	0	
	3		M6061T6A4.000W.2 f 50		2/18/2014	2/19/2014	20.0000	\$3.92	0.0000	0	\$78.47
	No		6061T6 ANGLE 4.00 f x 4.00 x .250 m128265		20.0000	DESJ02		\$78.47	0.0000	0	
	4		M6061T6A2.000W.1 f 88		2/18/2014	2/19/2014	20.0000	\$1.45	0.0000	0	\$29.00
	No		Angle 2.000 x 2.000 f x .188W m128265		20.0000	DESJ02		\$29.00	0.0000	0	
	5		M6061T6B0.187X04. f 000		2/18/2014	2/19/2014	24.0000	\$1.56	0.0000	0	\$37.53
	No		6061-T6 Bar .187 x 4.00 m128265		24.0000	DESJ02		\$37.53	0.0000	0	
	6		M6061T6R0.625 f		2/18/2014	2/19/2014	36.0000	\$0.66	0.0000	0	\$23.88
	No		6061-T6 Round Bar .625" m128265		36.0000	DESJ02		\$23.88	0.0000	0	
	7		M6061T6R1.000 f		2/18/2014	2/19/2014	12.0000	\$2.24	0.0000	0	\$26.93
	No		ROUND BAR 1.00" m128265		12.0000	DESJ02		\$26.93	0.0000	0	
	8		M6061T6R1.500 f		2/18/2014	2/19/2014	12.0000	\$3.70	0.0000	0	\$44.35
	No		6061-T6 Round Bar 1.50 m128265		12.0000	DESJ02		\$44.35	0.0000	0	



Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<b>Vendor ID \ Vendor Name</b>											
PO22962	9	VC-COP001	Thyssenkrupp Materials CA Ltd								
			M6061T6T8.000W.1 f	f	2/18/2014	2/19/2014	20.0000	\$13.11	0.0000	0	\$262.16
			25								
CAD	No		6061-T6 RD Tube	f	20.0000	DESJ02		\$262.16	0.0000	0	
			8.00 X.125W								
			m128265								
	10		M303B1.000X1.000	f	2/18/2014	2/19/2014	12.0000	\$11.18	0.0000	0	\$134.13
	No		303 BAR 1" X 1"	f	12.0000	DESJ02		\$134.13	0.0000	0	
			m128265								
Total Received Quantity:											196.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$690.32
Total Balance Due Quantity:											0.0000



SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

No: PEC 863598  
Ship Date 14Feb14 at 16:06 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frnt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-651993- 1 Your PO # 22962  
STAINLESS STEEL SQ BAR 303 STAINLESS  
1.00" X 144.0000"

Heat Number Tag No  
4A084 262757

Quantity PCS Wt LBS  
12 FT 1 41

MTR

2) Our Order PEC-651993- 2 Your PO # 22962  
ALUMINUM ANGLE 6061-T6511  
1.00" x 1.00" x .125" X 240.0000"

Heat Number Tag No  
163635-2 262758

Quantity PCS Wt LBS  
40 FT 2 12

MTR

3) Our Order PEC-651993- 3 Your PO # 22962  
ALUMINUM ANGLE 6061-T6511  
2.00" x 2.00" x .187" X 240.0000"

Heat Number Tag No  
401536-5 262759

Quantity PCS Wt LBS  
20 FT 1 17

MTR

4) Our Order PEC-651993- 4 Your PO # 22962  
ALUMINUM ANGLE 6061-T6511  
4.00" x 4.00" x .250" X 240.0000"

Heat Number Tag No  
163514-4 262760

Quantity PCS Wt LBS  
20 FT 1 46

MTR

5) Our Order PEC-651993- 5 Your PO # 22962  
ALUMINUM FLAT BAR 6061-T6511  
.187" x 4.00" X 240.0000"

Heat Number Tag No  
E3A0353A 262936

Quantity PCS Wt LBS  
40 FT 2 35

MTR

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



B I L L O F L A D I N G  
Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 863598  
Ship Date 14Feb14 at 16:06 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-651993- 6 Your PO # 22962  
ALUMINUM ROUND BAR 6061-T6511  
.625" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
40958-072	262761	36 FT	3	13

7) Our Order PEC-651993- 7 Your PO # 22962  
ALUMINUM ROUND BAR 6061-T6511  
1.00" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
37668-5	262762	12 FT	1	10

8) Our Order PEC-651993- 8 Your PO # 22962  
ALUMINUM ROUND BAR 6061-T6511  
1.50" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
164694-1	262763	12 FT	1	26

Tags	PCS	LBS
8	12	200

Heat Number  
163514-4  
163635-2  
164694-1  
37668-5  
401536-5  
40958-072  
4A084  
E3A0353A

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

Page: 2 ....Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

B I L L O F L A D I N G  
No: PEC 863598  
Ship Date 14Feb14 at 16:06 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 2 BDLS GW. 253 LBS

ITEM (1-4,6-8) BDL, (5) BDL.

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 3 .... Last

ALUMINIUM - LAITON - CUIVRE - PLASTIQUE - ACIER INOX  
ALUMINUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



# B I L L O F L A D I N G

No: PEC 863534

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 14Feb14 at 11:40 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

# B I L L O F L A D I N G

1) Our Order PEC-652114- 1 Your PO # 22962  
Part # EXTRUDED OK Rel #

ALUMINUM TUBE 6061-T6511  
8.00" OD x .125" WALL X 240.0000"

Heat Number Tag No  
21479314 262777

Quantity PCS Wt LBS  
20 FT 1 73

TOTAL: Tags PCS LBS  
1 1 73

Heat Number \*\*\* Chemical Analysis \*\*\*  
21479314

ASDD ON TO 651993 SUR-CHARGE ADDED SHIP TOGETHER

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BDL GW. 98 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
\*\*\*\* TEL. 800-926-2600 \*\*\*\*  
\*\*\*\*\*

Page: 1 ....Continued

ALUMINIUM • L'ATON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

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DATE



SHIP From:  
THYSSENKRUPP MATERIALS NA  
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CONCORD, ONTARIO L4K 5C6  
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Ship To: ( 1 )  
DART AEROSPACE

B I L L O F L A D I N G  
No: PEC 863534  
Ship Date 14Feb14 at 11:40 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

=====

B I L L O F L A D I N G

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



# Certificate of Mill Test Results

14Feb14  
Pg 1/1

**YAL SIN LIHYA CORP. YENSHU PLANT**

台州市椒江区洪林生态控制区建设(10)批  
HD-3-10, 331001144, CH 331004 11.  
H03041 125° 19' 20" 0" E 27243 10 344 E 0 C  
110; 103° 45' 02.2" 0" E 11 108; 107° 5' 02.2" 0" E 34

SUPPLY CONDITION: CD

DATE OF ISSUE: 2013/03/29

ORDER NO.: 102010008/L39672  
SPEIFICATION: 303

MTR#:WLRBA1304010278.

## MILL TEST REPORT

Item:SB030100 Bundle:WL13016030 Heat#:4A084

Acc. to ASTM A582-05 Cond. A.  
Acc. to ASTM A58 5640 type 1/00-S-764 chemistry only

LENGTH TOLERANCE: 0-50

This inspection is issued acc. to EN 10204 3.1.  
Solution annealed treatment: Acc. to ASTM A84-11.  
Macro & micro structure: good, Grain size: F84 to ASTM E112  
Rolled manufactured in Taiwan Improved machining  
Microstructure free from continuous grain boundary  
carbide precipitation as per ASTM A262 A & E.

### SUPPLY CONDITION

A: Annealed  
B: Shot Blasted  
C: As Casted  
E: Reeled/Shin Pass  
H: Precipitation Hardening  
HR: Hot Rolled  
S: Straightened  
K: As Forged

1. We hereby certify that material described herein has been

L:Polished

manufactured and tested with satisfactory results in accordance with requirement

McCold Rolled  
P. Pickled  
S. Shaved

2. We certify that the material is free from mercury of the above material specification.

W:Slit  
W:Cut  
V: T. in section of W

No. of Taiwan Atomic Energy Committee: 136

CD: Cold Draw  
CE: Centerless Grind

3. The Above Testing Results Relate Only to the Items Tested

PL: (Turned or Picked)

TEST METHOD :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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CHEMICAL-ASTN E1806, E415, E1086, E1019

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100

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## Quality Assurance Responsible Person

Panel

[illegible]



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ANGLE 6061-T6511  
2.00" x 2.00" x .187" X 240.0000"

PART NO.

PO/Rel 22962

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863598-003

14Feb14

Signed by: \_\_\_\_\_ Pg 1/1

### CAN ART

ALUMINUM EXTRUSION INC.

## Material Test Report

Manifest: 273224

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road

Concord, ON L4K 5C6

Ticket:

5349337

Our Order: **401536 - 5**

Cust P.O.: 255466

Die: ES05620

Part: 05620-000-240

Alloy Temper: 6061 T6511

Description: 2.000 x 2.000 x .187

Print Date: 2/5/14

### Chemical Composition Range

6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

### Mechanical Properties

Strength ksi

<u>Sample</u> <u>ID</u>	<u>Cast #</u>	<u>Lot #</u>	<u>Test</u> <u>Date</u>	<u>Ultimate</u> <u>Tensile</u>	<u>Yield</u> <u>2% offset</u>	<u>Elongation</u> <u>2" gage length</u>
500935	14010221A	A11	2/4/14	44.96	39.42	10.4

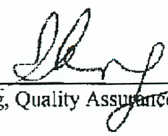
Applicable Specifications: ASTM B221-13 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized: \_\_\_\_\_

  
Evan Eng, Quality Assurance Mgr.



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

.187" x 4.00" X 240.0000"

PART NO.

PO/Rel 22962

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863598-005

14Feb14

Signed by: \_\_\_\_\_ Pg 1/1



**LB ALUMINIUM BERHAD**  
(138535-V)

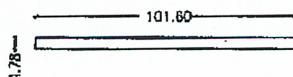


ALUMINUM EXTRUSION

### TEST CERTIFICATE

CUSTOMER: THYSSENKRUPP MATERIALS NA	SECTION NO.: PE01230MF06100	DATE: Nov-18-2013
SALES ORDER NO.: 1364536	WORK ORDER: 362773	ALLOY: 6061-T6511
PRESS NO.: 2000	EXTRUSION DATE: Oct-29-2013	CERTIFICATE NO.: MCERT1310627
CUSTOMER PO NO.: THYSSENKRUPP 1		

Section Sketch:



Thickness = 4.75 mm

CHEMICAL COMPOSITION										
Composition	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Analysis Ref.-
Min	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	Remainder	E3A0353A ✓ Jan-23-2013
Max	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15		
Actual	0.670	0.180	0.340	0.020	1.010	0.080	0.010	0.011		

MECHANICAL PROPERTIES (Result shown is tested by LBALUM)			
	Tensile Strength N/mm <sup>2</sup>	Yield Stress N/mm <sup>2</sup>	Elongation (%)
Standard	260	240	6
Result	293.91	271.35	13.96

Compliance with ASTM B221M-07

We hereby certify that the material covered by this report has been verified or tested according to the relevant standard sampling method or the requirements of any special sections or requirements described herein, and that sample representative of the material met the composition limits and had the mechanical properties shown. Also, note that mercury is not a normal constituent in aluminum alloys. No other mercury or any of its compounds are used in the manufacture of our extrusion.

\*\* This certificate of Analysis has been produced electronically and is valid without signature \*\*

Lot 11, Jalan Perusahaan 1, Kawasan Perusahaan Beranang, 43700 Beranang, Selangor Darul Ehsan, Malaysia.

Tel: 603-8723 8822 (15 Lines) Fax: 603-8723 3191 (General), 8723 7272 (Sales), 8727 1218 (Export)

Enquiry@lbalum.com.my www.lbalum.com



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511  
1.00" DIA X 144.0000"  
PART NO.

PO/Rel 22962

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863598-007

14Feb14

Signed by:

Pg 1/1

# VITEX

EXTRUSION

43 Industrial Park Drive  
P.O. Box 270  
Franklin, NH  
03235-6149  
Tel: (603) 934-5275

## CERTIFICATE OF INSPECTION AND TEST RESULTS

SALES ORDER / VITEX LOT  
37668 - 5

BILL TO	ThyssenKrupp Materials NA 2821 Langstaff Road Concord, ONT L4K 5C6	MANIFEST NUMBER	63198	ID# NUMBER	900197	DATE OF SHIPMENT	12/06/13	CERTIFICATION	Certs Required
SHIP TO	ThyssenKrupp Materials NA 2821 Langstaff Road Concord, ONT L4K 5C6	CUSTOMER PO	PEC-253222	ALLOY/TEMPER	6061 / T6511	SALESMAN	John Topalian	SPECIFICATION	ASTM B 221-13
		CUSTOMER PART NUMBER	1" DIA ROUND ROD	DESCRIPTION	1" DIA ROD			SPECIFICATION	SAE AMS QQA 200/8 Rev 97
		LENGTH	144.00"	PIECES SHIPPED	188	POLDS SHIPPED	1,868	SPECIFICATION	Copy of Mill Chemistry/vw ordi

### Mechanical Properties

Test ID	Sample ID	Date	U.T. Tensile ksi	Yield ksi	Elongation %	Hardness
1A11	1	11/27/13	44.30	41.30	11.75	92.00
1A11	2	11/27/13	46.00	43.30	10.55	94.00

### Chemical Composition Limits Per AS&D Latest Rev for Alloy 6061

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ga	V	Ti	B	Zr
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.05	0.05	0.15	0.05	0.05
ACTUAL CAST INFO	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ga	V	Ti	B	Zr
102431	0.71	0.28	0.24	0.09	0.85	0.07	0.09	0.00	0.00	0.02	0.00	0.00
Country of Melt: USA												

### Cert Notes:

Products manufactured with a 6061-T6511 temper also meet T6 temper requirements.

Products manufactured with a 6063-T52 temper also meet T5 temper requirements.

Yield strength has been determined by the 0.2% offset method.

Extrusion made in USA.

We hereby certify that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein. The chemical composition limits and mechanical property limits are set forth above. Samples of the material have been found to meet these requirements. Inspection and test results are maintained on file and are available upon request.

AUTHORIZED SIGNATURE



*Handwritten Signature*

From: VITEX EXTRUSION

12/16/2013 16:02 #257 P.005/020



# THYSSENKRUPP MATERIALS NA

P.O./Ref 22962

**DART AEROSPACE**  
ALUMINUM ANGLE 6061-T6511  
1.00" x 1.00" x .125" X 240.0000"  
PART NO.

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

**Certificate of Mill Test Results**  
BL PEC-863598-002  
14Feb14  
Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

## MILL TEST ASTM B221-12

BILL TO	THYSSENKRUPP MATERIALS NA	Cert Code:	1	0.74	DIE NUMBER	S	2228	DATE OF SHIPMENT	11/26/2013	EXTRUDEX ORDER NO.	163635 - 2	MANIFEST NO.	299042
SHIP TO	THYSSENKRUPP MATERIALS NA	CUSTOMER PO	PEC-253628		ALLOY	6061	TEMPER	T6511	SALESMAN	FORBES DODWELL	MADE IN CANADA		
SO DESCRIPTION	1" X .125" RF AN	CUSTOMER PART NUMBER	9-125-1000		PART DESCRIPTION	MILL TEST ASTM B221-12							

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Nov/21/13	43.2	39.8	12.40	89.2,89.9,89.5	

### Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 13110571A 6061	0.54	0.17	0.19	0.02	0.80	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST ASTM B221-12



**DART AEROSPACE**

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

BL PEC-863598-004

14Feb14  
Pg 1/1



EXTRUDEX ORDER NO.	MANIFEST NO.
--------------------	--------------

## Mechanical Properties

### Chemical Composition

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

10/10/10

**David Natale**  
Quality Control Manager

1 - CUSTOMER COPY

MIL TEST ASTM B221-12



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511

.625" DIA X 144.0000"

PART NO.

PO/Rel 22962

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863598-006

14Feb14

Signed by: \_\_\_\_\_

Pg 1/2

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: PEC-251595-1		CUSTOMER PART NUMBER: ALRD00391		PRODUCT DESCRIPTION: .625 +/- .004 ROD	
KAISER ORDER NUMBER: 651259	LINE ITEM: 001	SHIP DATE: 09/06/2013	KAISER LOT NUMBER: 40958-072	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1004.000 LB	QUANTITY: 232.000 PCS	B/L NUMBER: 607057	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO:  THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO:  THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
40958-072	0001	1	48.8	44.2	16.0	RE 93	N/A	N/A
40958-072	0001	2	48.8	44.3	16.5	RE 93	N/A	N/A
40958-072	0001	3	48.7	44.3	16.3	RE 93	N/A	N/A
40958-072	0001	4	48.5	43.9	16.3	RE 93	N/A	N/A
4C958-072	0001	5	48.9	44.4	16.3	RE 92	N/A	N/A
4C958-072	0001	6	48.4	43.8	16.4	RE 93	N/A	N/A
4C958-072	0001	7	48.7	44.3	16.3	RE 94	N/A	N/A
4C958-072	0001	8	49.3	44.6	16.2	RE 92	N/A	N/A
4C958-072	0001	9	49.9	45.1	16.1	RE 93	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
H43855	.63	.33	.29	.10	.94	.11	.16	.02	.00	.01	.00	.01	.03

### Applicable Requirements:

ASTM-B221-13 NON-STENCILED ASME-SB221 1993 SECT II AMS-QQ-A-200/3 (2007) UNS#A96061  
(T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY  
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00105007

Kaiser Order Number: 651259

Line Item: 001



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511

.625" DIA X 144.0000"

PART NO.

PO/Rel 22962

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863598-006

14Feb14

Signed by: \_\_\_\_\_

Pg 2/2

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048



### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

#### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Timothy K. Fargo, Quality & Technology Manager



Plant Serial: 00105007

Kaiser Order Number: 651259

Line Item: 001



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511  
1.50" DIA X 144.0000"  
PART NO.

P.O./Rel 22962

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863598-008

14Feb14  
Pg 1/1



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

### MILL TEST ASTM B221-12

BILL TO	CERT CODE:	DIE NUMBER	DATE OF SHIPMENT	EXTRUDEX ORDER NO.	MANIFEST NO.
THYSSENKRUPP MATERIALS NA	1	S	Jan/09/2014	164694 - 1	300669
SHIP TO	CUSTOMER PO	ALLOY	TEMPER	SALESMAN	
THYSSENKRUPP MATERIALS NA	PEC-254596	6061	T6511	FORBES DODWELL	MADE IN CANADA
SO DESCRIPTION	CUSTOMER PART NUMBER	PART DESCRIPTION			
1.5" DIA	4-1500				
CERTIFICATION					
MILL TEST ASTM B221-12					

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jan/07/2014	54.90	49.80	13.30	92.0, 92.8, 92.5	

### Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 22988 6061	0.76	0.320	0.340	0.070	1.02	0.080	0	0.010	0.020	0	0	0	0	0	0	0	0	0	Remainder	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST ASTM B221-12



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM TUBE 6061-T6511  
8.00" OD x .125" WALL x 240.0000"  
PART NO. EXTRUDED OK

P.O./Rel 22962

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863534-001

14Feb14  
Pg 1/2

Signed by:

**sapa:**  
Sapa Industrial Extrusions  
53 POTTSVILLE STREET  
CRESSONA, PA  
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC  
2821 LANGSTAFF ROAD  
ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K 5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC  
2821 LANGSTAFF ROAD

CONCORD, ON - L4K 5C6

### Certified Inspection Report

Sales Order Number	Line No.	Customer P/O
1100627399	1	PEC 249856-1

Cert Number	Page
SAPA821141	1 of 2
Cert Creation Date	Cert Print Date
20-AUG-13	20-AUG-13

Quantity Shipped	Date Shipped	Item Description	Specification
510 LB	20-AUG-13	Tube 8.000 OD x .125 WALL 240.000 IN LN FIN M-MILL W/F 3.637 F 14 CS 8 6061/T6511 Marking CONTINUOUS	ASTM/B241 REV 12 ASMESH241 REV D1 ASTM/B221 REV 13 ASMESH221 REV 09 ASTM/B345 REV 11 AMS-QQ-A-2008 REV 1997
456413	Item No.	Q03922838	
Delivery Id	Item No. Rev		
4458430			
Customer Part No.			
8X.125			

Applicable Specifications, Revisions and Exemptions

COMPOSITION NOTE: The values for "Others Each" and "Others Total" have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Signature And Title

*William T. Martin, III*

William Martin III

Tech/Quality Manager

20-AUG-13

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material and its composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Gross Weight	Net Weight
G12PKG2015577	21479314	7	PCS	518	510

Composition Limits

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn
	Min	Min	Min	Min	Min	Min	Min
	Max	Max	Max	Max	Max	Max	Max
6061	0.40	0.80	0.70	0.15	0.80	1.20	0.25



# THYSSENKRUPP MATERIALS NA

## DART AEROSPACE

ALUMINUM TUBE 6061-T6511  
8.00" OD x .125" WALL X 240.0000"  
PART NO. EXTRUDED OK

P.O./Rel 22962

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-863534-001

14Feb14  
Pg 2/2

Signed by:

**sapa:**

Sapa Industrial Extrusions  
53 POTTSVILLE STREET  
CRISSONA, PA  
17929-0187

### Certified Inspection Report

Sales Order Number Line No. 1 Customer P/O  
1100627399 PEC-249856-1

Cert Number Page  
SAPAR21141 Page 2 of 2  
Cert Creation Date Cert Print Date  
20-AUG-13 20-AUG-13

Alloy	Ti		Mn		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.05	---	0.05	---	0.15

#### Composition Results

Item / Cust	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi	Pb	Others Each	Others Total
4030654	0.70	0.35	0.27	0.06	0.95	0.05	0.05	0.02				

#### Mechanical Property - Test Limits

Test Type		UTS - L		TYS - L		EL 41.4 Long	
Test Type		KSI		KSI		PCT	
Test Number	Ref Test	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
16511	21472314	2	43.8	45.0	38.7	40.5	10.0

#### Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.  
Yield strength has been determined by the 0.2 % offset method  
All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/35/EC (RoHS 2) with the exception of 6262 alloy  
In accordance with EN 10204 Inspection Certificate Type 3.1  
Melted in the USA or Other Qualified Countries as Defined by DEKAS 225.672.1  
Made in USA



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m6061t6t 8.000 x 1.25 PO / BATCH NO.: 22962

DATE: 14-2-19

MATERIAL CERT REC'D: 14-2-19  
 QUANTITY RECEIVED: 20  
 QUANTITY INSPECTED: 20  
 QUANTITY REJECTED: 1

THICKNESS ORDERED: 1.25  
 THICKNESS RECEIVED: 1.25  
 SHEET SIZE ORDERED: 1  
 SHEET SIZE RECEIVED: 1

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N	<u>m6061t6t 8.000 x 1.25</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION INSPECTED BY: <u>27 9-89</u> DATE: <u>14/2/19</u>	ENGINEERING SIGNOFF (if required) SIGNED OFF BY: _____ DATE: _____
--	--

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303B1.000X1.000 PO / BATCH NO.: 22962  
 DATE: 11/2/19

MATERIAL CERT REC'D: 11/2/19 THICKNESS ORDERED: 1.000  
 QUANTITY RECEIVED: 12 THICKNESS RECEIVED: 1.000  
 QUANTITY INSPECTED: 12 SHEET SIZE ORDERED: 1  
 QUANTITY REJECTED: 1 SHEET SIZE RECEIVED: 1

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>M303B1.000 X 1.000</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: _____	SIGNED OFF BY: _____
DATE: _____	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m6061T6R1.500  
 DATE: 14-2-19

PO / BATCH NO.: 22962

MATERIAL CERT REC'D: 14-2-19  
 QUANTITY RECEIVED: 12  
 QUANTITY INSPECTED: 12  
 QUANTITY REJECTED: 1

THICKNESS ORDERED: 1.500  
 THICKNESS RECEIVED: 1.500  
 SHEET SIZE ORDERED: 1  
 SHEET SIZE RECEIVED: 1

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	N	<u>m6061T6R1.500</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.  
 RECORD RESULTS BELOW

TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: DAS 27  
 DATE: 14/2/19

SIGNED OFF BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T62 1.000  
 DATE: 14-2-19

PO / BATCH NO.: 22962

MATERIAL CERT REC'D: 14-2-19  
 QUANTITY RECEIVED: 12  
 QUANTITY INSPECTED: 12  
 QUANTITY REJECTED: 1

THICKNESS ORDERED: 1.000  
 THICKNESS RECEIVED: 1.000  
 SHEET SIZE ORDERED: 1  
 SHEET SIZE RECEIVED: 1

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	<u>M6061T62 1.000</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION INSPECTED BY: <u>DAS 27 14/2/19</u> DATE: <u>14/2/19</u>	ENGINEERING SIGNOFF (if required) SIGNED OFF BY: _____ DATE: _____
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: mc60d16r0.625

PO / BATCH NO.: 22962

DATE: 11/2/19

MATERIAL CERT REC'D: 11/2/19

THICKNESS ORDERED: .625

QUANTITY RECEIVED: 36

THICKNESS RECEIVED: .625

QUANTITY INSPECTED: 36

SHEET SIZE ORDERED: 1

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 1

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>mc60d16r0.625</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.  
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: 27

SIGNED OFF BY: \_\_\_\_\_

DATE: 11/2/19

DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m6061T6B5 1.87x4.00 PO / BATCH NO.: 22962

DATE: 14.2.19

MATERIAL CERT REC'D: 14/2/19  
 QUANTITY RECEIVED: 24  
 QUANTITY INSPECTED: 24  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.87  
 THICKNESS RECEIVED: 1.87  
 SHEET SIZE ORDERED: /  
 SHEET SIZE RECEIVED: /

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>m6061T6B5 1.87x4.00</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.  
 RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION INSPECTED BY: <u>27 9-89</u> DATE: <u>14/2/19</u>	ENGINEERING SIGNOFF (if required) SIGNED OFF BY: _____ DATE: _____
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6A2.000 x 1.88

PO / BATCH NO.: 22962

DATE: 14-2-19

MATERIAL CERT REC'D: 14/2/19  
 QUANTITY RECEIVED: 20  
 QUANTITY INSPECTED: 20  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.50  
 THICKNESS RECEIVED: 2.50  
 SHEET SIZE ORDERED: /  
 SHEET SIZE RECEIVED: /

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>M6061T6 A 2.00 x 1.88</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.  
 RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: 27  
9-59

SIGNED OFF BY: \_\_\_\_\_

DATE: 14/2/19

DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6A 4.000 X 250 PO / BATCH NO.: 20962  
 DATE: 14-2-19

MATERIAL CERT REC'D: 14-2-18 THICKNESS ORDERED: 2.50  
 QUANTITY RECEIVED: 20 THICKNESS RECEIVED: 2.50  
 QUANTITY INSPECTED: 20 SHEET SIZE ORDERED: 1  
 QUANTITY REJECTED: 0 SHEET SIZE RECEIVED: 1

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>M6061T6A 4.000 X 250</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>27</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>14/2/19</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m6061T6A 1.000x1.25  
 DATE: 14-2-19

PO / BATCH NO.: 22962

MATERIAL CERT REC'D: 14-2-18  
 QUANTITY RECEIVED: 40  
 QUANTITY INSPECTED: 40  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.25  
 THICKNESS RECEIVED: 1.25  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>m6061T6A 1.000x1.25</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>27</u> DATE: <u>14/2/19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO22962

Purchase Order Date 2/11/2014

PO Print Date 2/19/2014

Page Number 1 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*REVISED*

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

*M128258*

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M303R0.250	303 Round Bar 0.250"	2/18/2014 Yes 2/18/2014		12.00 f	\$2.50	\$30.00
QUOTATION: NO PEC ST-648002  MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE							
Line Total:							\$30.00
2	M6061T6A1.000W.125	6061T6 ANGLE 1.00 x 1.00 x .125W	2/18/2014 Yes 2/18/2014		40.00 f	\$1.50	\$60.00
MATERIAL: 6061-T6/T6510/T6511 ALUMINUM ANGLE AS PER AMS-QQ-A-200/8							
Line Total:							\$60.00

*Rec'd 2/19*

PO Instructions: Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier

Note:





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO22962

Purchase Order Date 2/11/2014

PO Print Date 2/19/2014

Page Number 2 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444

Ship To Contact  
Ship To Phone

Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA – (Free Carrier)

3	M6061T6A4.000W.250	6061T6 ANGLE 4.00 x 4.00 x .250	2/18/2014	20.00	✓	\$4.37	\$87.40
			Yes	f			
			2/18/2014				

MATERIAL: 6061-T6/T6510/T6511 ALUMINUM ANGLE  
AS PER AMS-QQ-A-200/8

Line Total: \$87.40

4	M6061T6A2.000W.188	Angle 2.000 x 2.000 x .188W	2/18/2014	20.00	✓	\$1.62	\$32.30
			Yes	f			
			2/18/2014				

MATERIAL: 6061-T6/T6510/T6511 ALUMINUM ANGLE  
AS PER AMS-QQ-A-200/8

Line Total: \$32.30

5	M6061T6B0.187X04.000	6061-T6 Bar .187 x 4.00	2/18/2014	24.00	✓	\$1.74	\$41.80
			Yes	f			
			2/18/2014				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

PO Instructions: Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier

Note:





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO22962

Purchase Order Date 2/11/2014

PO Print Date 2/19/2014

Page Number 3 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$41.80

6 M6061T6R0.625 6061-T6 Round Bar .625" 2/18/2014  
Yes  
2/18/2014

36.00  
f

\$0.74

\$26.60

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$26.60

7 M6061T6R1.000 ROUND BAR 1.00" 2/18/2014  
Yes  
2/18/2014

12.00  
f

\$2.50

\$30.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$30.00

PO Instructions: Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier

Note:





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO22962

Purchase Order Date 2/11/2014

PO Print Date 2/19/2014

Page Number 4 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444

Ship To Contact  
Ship To Phone

Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

8	M6061T6R1.500	6061-T6 Round Bar 1.50	2/18/2014	12.00	✓	\$4.12	\$49.40
			Yes	f			
			2/18/2014				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$49.40

9	M6061T6T8.000W.125	6061-T6 RD Tube 8.00 X.125W	2/18/2014	20.00	✓	\$14.60	\$292.00
			Yes	f			
			2/18/2014				

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING  
AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR  
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR  
ASTM B241

Line Total: \$292.00

10	M303B1.000X1.000	303 BAR 1" X 1"	2/18/2014	12.00	✓	\$12.45	\$149.40
			Yes	f			
			2/18/2014				

MATERIAL: AISI 303 SS BAR AS PER ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

PO Instructions: Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier

Note:





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO22962

Purchase Order Date 2/11/2014

PO Print Date 2/19/2014

Page Number 5 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA – (Free Carrier)

Line Total: \$149.40

PO Total: \$798.90

PO Instructions: Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.